

1 109. The method of claim 108, wherein said target zone is defined by a time
2 range.

1 110. The method of claim 108, wherein said target zone is defined by a frequency
2 range.

1 111. The method of claim 108, wherein said target zone is variable.

1 112. The method of claim 107 wherein said fingerprint is computed from a quotient
2 between two of said frequency coordinates of said linked salient points and said
3 anchor point, whereby said fingerprint is time-stretch invariant.

1 113. The method of claim 107 wherein said fingerprint is further computed from at
2 least one time difference between said time coordinate of said anchor point and
3 said time coordinates of said linked salient points.

1 114. The method of claim 113, wherein said fingerprint is further computed from
2 a product of one of said time differences and one of said frequency
3 coordinates of said linked salient points and said anchor point, whereby said
4 fingerprint is time-stretch invariant.

1 115. The method of claim 107 wherein said anchor salient point and said linked salient
2 points are selected from the group consisting of local maxima, local minima, and
3 zero crossings of said spectrogram.

1 116. A method for comparing an audio sample and an audio file, comprising:
2 for each of at least one audio file, computing a plurality of file fingerprints representing
3 said audio file;

4 computing a plurality of sample fingerprints representing said audio sample; and
5 identifying said audio sample and said audio file if at least a threshold number of said
6 file fingerprints are equivalent to said sample fingerprints;
7 wherein each sample fingerprint is computed from a spectrogram of said audio sample,
8 wherein said spectrogram comprises an anchor salient point and linked salient
9 points, and wherein said sample fingerprint is computed from frequency
10 coordinates of said anchor salient point and at least one linked salient point.

1 117. The method of claim 116, wherein said linked salient points fall within a target
2 zone.

1 118. The method of claim 117, wherein said target zone is defined by a time
2 range.

1 119. The method of claim 117, wherein said target zone is defined by a frequency
2 range.

1 120. The method of claim 117, wherein said target zone is variable.

1 121. The method of claim 116 wherein said sample fingerprint is computed from a
2 quotient between two of said frequency coordinates of said linked salient points
3 and said anchor point, whereby said sample fingerprint is time-stretch invariant.

1 122. The method of claim 116 wherein said sample fingerprint is further computed
2 from at least one time difference between said time coordinate of said anchor
3 point and said time coordinates of said linked salient points.

1 123. The method of claim 122, wherein said sample fingerprint is further
2 computed from a product of one of said time differences and one of said